

**Amendments to the Specification**

Please replace the paragraph beginning at page 37, line 23 with the following:

Genes coding hPGH-1 and hPGH-2 were amplified with PCR using Platinum pfx DNA polymerase (Invitrogen Life Technologies) from human placenta cDNA library (Stratagene).

Primer sequences used for hPGH-1 are:

5' atataagcttgcccatgagccggagtcttc 3' (SEQ ID NO: 1) and

5' atatggatcctcagagctctgtggatggtcgc 3' (SEQ ID NO: 2); for hPGH-2

5' atataagcttgctgcgatgctcgccgc 3' (SEQ ID NO: 3) and

5' atatggatccctacagttcagttcagtcgaacgttc 3' (SEQ ID NO: 4). PCR products were cloned into HindIII and BamHI restriction sites of pcDNA3.1 (Hygro(+)) plasmid (Invitrogen Life Technologies), sequences were confirmed by sequencing.

After page 54 and before the claims, please insert paper copy of the Sequence Listing.

**REMARKS**

This submission is in response to the Notice to Comply dated October 15, 2003. Reconsideration of the above identified application, in view of the above amendments and the following remarks, is respectfully requested.

The amendments to the specification are made to include a Sequence Listing and references thereto. A Sequence Listing (Exhibit A) and a diskette containing the listing in computer readable format are submitted herewith. A statement of Compliance Under 37 C.F.R. §1.821(f) stating that the Sequence Listing and the content of the computer readable format of the Sequence Listing on the Enclosed diskette are identical is also submitted herewith (Exhibit B). The Sequence Listing